

	Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 11145-023US1	Application No. 10/070,794
	<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)			Applicant Leif Andersson et al.
				Filing Date March 8, 2002

## U.S. Patent Documents

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA						

## Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
R.R.	AB	WO 97/25341	07/17/97	PCT	—	—		
R.R.	AC	WO 98/58052	12/23/98	PCT	—	—		

## Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
R.R.	AD	UniGene Sequence No. CYP27A1 No date provided.
R.R.	AE	UniGene Sequence No. KIAA0173 No date provided.
R.R.	AF	GenBank Accession No. M30470, Apr 1993
R.R.	AG	GenBank Accession No. U42412, May 1996
R.R.	AH	GenBank Accession No. W15439, May 1996
R.R.	AI	GenBank Accession No. W94830, Jul 1996
M.M.	AJ	GenBank Accession No. AA018675, Feb 1996
R.R.	AK	GenBank Accession No. AA178898, Sep 1997
R.R.	AL	GenBank Accession No. AF036535, May 2001
R.R.	AM	GenBank Accession No. AF094764, Feb 2000
R.R.	AN	GenBank Accession No. AF214519, Jun 2000
R.R.	AO	GenBank Accession No. AF214520, Jun 2000
R.R.	AP	GenBank Accession No. AJ249976, Apr 2000
R.R.	AQ	Bergeron et al., "Effect of AMPK activation on muscle glucose metabolism in conscious rats," <u>Am. J. Physiol.</u> , 276(5):E938-E944, 1999 R.R.
R.R.	AR	Cheung et al., "Characterization of AMP-activated protein kinase $\gamma$ -subunit isoforms and their role in AMP binding," <u>Biochem. J.</u> , 2000, 346:659-669, 2000 R.R.
R.R.	AS	Enfält et al., "Estimated Frequency of the RN <sup>-</sup> Allele in Swedish Hampshire Pigs and Comparison of Glycolytic Potential, Carcass Composition, and Technological Meat Quality Among Swedish Hampshire, Landrace, and Yorkshire Pigs," <u>J. Anim. Sci.</u> , 1997, 75:2924-2935
R.R.	AT	Estrade et al., "Glycogen Hyperaccumulation in White Muscle Fibres of RN <sup>-</sup> Carrier Pigs. A Biochemical and Ultrastructural Study," <u>Comp. Biochem. Physiol.</u> , 1993, 104B(2):321-326

Examiner Signature <i>R. R. Shih</i>	Date Considered 2/16/06
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
R.R.	AU	Hardie et al., "The Amp-Activated/SNF1 Protein Kinase Subfamily: Metabolic Sensors of the Eukaryotic Cell?" <u>Annu. Rev. Biochem.</u> , 1998, 67:821-855
R.R.	AV	Hayashi et al., "Evidence for 5' AMP-Activated Protein Kinase Mediation of the Effect of Muscle Contraction on Glucose Transport," <u>Diabetes</u> , 1998, 47:1369-1373
R.R.	AW	Hillier et al., "The WashU-Merck EST Project," <u>EMBL Database</u> , Acc. No. W94830, July 1996, XP002130595
R.R.	AX	Hillier et al., "WashU-NCI human EST Project," <u>EMBL Database</u> , Acc. No. AA178898, January 1997, XP002130593
R.R.	AY	Kemp et al., "Dealing with energy demand: the AMP-activated protein kinase," <u>TIBS</u> , 1999, 24:22-25
R.R.	AZ	Le Roy et al., "Evidence for a new major gene influencing meat quality in pigs," <u>Genet. Res. Camb.</u> , 1990, 55:33-40
R.R.	AAA	Looft et al., "Mapping the porcine <i>RN</i> gene to chromosome 15," <u>Genet. Sel. Evol.</u> , 1996, 28:437-442
R.R.	ABB	Mariani et al., "A major locus ( <i>RN</i> ) affecting muscle glycogen content is located on pig Chromosome 15," <u>Mamm. Genome</u> , 1996, 7:52-54
R.R.	ACC	Milan et al., "Accurate mapping of the "acid meat" <i>RN</i> gene on genetic and physical maps of pig Chromosome 15," <u>Mamm. Genome</u> , 1996, 7:47-51
R.R.	ADD	Milan et al., "A Mutation in <i>PRKAG3</i> Associated with Excess Glycogen Content in Pig Skeletal Muscle," <u>Science</u> , 2000, 288:1248-1251
R.R.	AEE	Monin and Sellier, "Pork of Low Technological Quality with a Normal Rate of Muscle pH Fall in the Immediate Post-Mortem Period: The Case of the Hampshire Breed," <u>Meat Science</u> , 1985, 13:49-63
R.R.	AFF	Monin et al., "Effects of the <i>RN</i> Gene on Some Traits of Muscle and Liver in Pigs," 38 <sup>th</sup> International Congress of Meat Science and Technology, August 23-28, 1992, Clermont-Ferrand, France, Proceedings, Volume 3, pp. 391-394
R.R.	AGG	Robic et al., "A radiation hybrid map of the <i>RN</i> region in pigs demonstrates conserved gene order compared with the human and mouse genomes," <u>Mamm. Genome</u> , 1999, 10:565-568
R.R.	AHH	Sun et al., "Human chromosome 3 and pig chromosome 13 show complete synteny conservation but extensive gene-order differences," <u>Cytogenet. Cell Genet.</u> , 1999, 85:273-278
R.R.	AII	Terwilliger, "A Powerful Likelihood Method for the Analysis of Linkage Disequilibrium between Trait Loci and One or More Polymorphic Marker Loci," <u>Am. J. Hum. Genet.</u> , 1995, 56:777-787
R.R.	AJJ	Treadway et al., "Enhanced Peripheral Glucose Utilization in Transgenic Mice Expressing the Human GLUT4 Gene," <u>J. Biol. Chem.</u> , 1994, 269(47):29956-29961
R.R.	AKK	Waterston, "Homo sapiens chromosome unknown clone NH0459119," <u>EMBL Database</u> , Acc. No. AC009974, September 1999, XP002130594

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